

TABLE 1E.

BRANCH, CASS & LENAWEE COUNTY GRAIN TRIALS - EARLY (107 Day and Earlier)

ZONE 1

2004			BRANCH - Early					CASS - Early					LENAWEE - Early					EARLY TRIAL AVERAGE					QUALITY		
Brand / Hybrid	RM	TRT	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	Prot	Oil	Strch
BAYSIDE NorthGro NGEX2785YG	106		23.9	176.8	52.2	1.9	87	20.1	178.0	55.5	2.6	79	25.9	205.7	51.2	0.4	91	23.3	186.8	53.0	1.6	86	8.0	3.7	60.0
BAYSIDE Super 105	105		20.9	185.6	53.3	1.3	98	19.3	178.5	55.6	3.2	91	24.0	206.4	52.1	1.3	98	21.4	190.1	53.7	2.0	96	7.4	3.8	60.3
BIO GENE BT1071	107		24.9	213.1	53.5	3.9	100	19.4	179.8	56.2	3.0	88	26.6	209.2*	50.4	0.3	99	23.6	200.7	53.3	2.4	96	8.1	3.9	59.4
GOLDEN HARVEST H-8618Bt	106		25.0	223.8**	53.4	0.3	99	19.2	186.6	55.8	3.6	92	25.9	206.2	51.3	0.3	100	23.4	205.5	53.5	1.4	97	8.2	3.6	59.5
LEGACY 35L35	104		21.6	178.4	55.3	3.4	98	19.1	178.8	57.6	2.5	79	22.9	205.5	55.4	1.0	96	21.2	187.5	56.1	2.3	91	7.9	3.9	59.6
RENK RK636YGCB	102		18.3	172.9	54.5	3.3	100	16.5	185.1	56.3	3.1	95	20.1	190.0	56.2	3.6	100	18.3	182.6	55.7	3.3	98	7.0	4.1	60.0
RENK RK652LLYGCB	103		20.8	170.4	54.4	2.0	100	18.6	202.3	57.0	1.1	95	20.7	195.8	55.2	0.0	100	20.0	189.5	55.5	1.0	98	6.4	3.3	61.8
RENK RK772YGCB	104		19.0	179.6	54.8	1.6	100	16.5	214.8*	56.4	1.3	98	21.4	194.9	55.0	0.3	100	19.0	196.4	55.4	1.1	99	7.1	4.4	59.4
STEYER 2355	105		19.8	187.1	53.6	2.6	100	21.2	185.0	55.8	3.1	87	24.0	205.3	52.7	0.3	100	21.7	192.5	54.0	2.0	96	6.8	3.6	59.8
STEYER 2356	106		23.0	193.1	52.7	1.5	91	19.9	163.1	55.7	3.4	68	27.3	174.9	49.9	1.4	92	23.4	177.0	52.8	2.1	84	7.3	3.5	61.4
Average			21.7	188.1	53.8	2.2	97	19.0	185.2	56.2	2.7	87	23.9	199.4	52.9	0.9	98	21.5	190.9	54.3	1.9	94	7.4	3.8	60.1
MYCOGEN 2E633	107	C125	20.9	187.2	54.8	1.0	100	19.7	210.2*	56.1	0.7	97	25.7	198.4	52.5	0.7	99	22.1	198.6	54.5	0.8	99	7.0	3.5	60.9
RUPP XR1708	106	C125	22.0	191.8	53.9	1.0	100	19.2	190.8	56.5	3.8	94	24.7	205.9	52.0	0.0	100	22.0	196.2	54.2	1.6	98	6.7	3.6	60.0
RUPP XR8619	102	C125	21.9	205.1	56.3	0.0	100	17.6	185.8	58.2	2.1	95	22.5	186.0	55.1	0.3	99	20.7	192.3	56.5	0.8	98	7.4	3.6	60.1
VIGORO V45D37	105	C125	23.3	191.7	55.4	2.5	93	19.2	176.1	57.3	2.0	84	23.2	202.3	54.0	1.0	98	21.9	190.0	55.5	1.8	92	7.0	3.3	61.9
VIGORO V46Y41	105	C125	22.6	183.9	55.0	0.3	100	19.9	195.8	57.4	2.6	92	23.6	196.9	53.1	0.0	100	22.0	192.2	55.2	1.0	97	6.7	3.7	61.4
Average		125	22.1	191.9	55.1	0.9	99	19.1	191.7	57.1	2.2	92	23.9	197.9	53.3	0.4	99	21.7	193.8	55.2	1.2	97	7.0	3.5	60.8
AGRIGOLD A6333Bt	104	P250	24.0	193.1	52.7	2.0	99	19.0	187.5	56.5	3.6	93	23.2	209.7*	53.9	1.3	100	22.1	196.7	54.4	2.3	97	7.3	3.9	60.0
AGRIGOLD A6341	104	P250	21.8	164.5	53.3	1.7	99	19.4	168.5	55.9	2.0	84	25.6	208.6*	51.9	1.0	100	22.2	180.5	53.7	1.5	94	6.3	3.7	60.2
AGRIGOLD A6391	106	P250	23.5	171.5	53.7	3.0	100	19.6	198.9	56.2	4.1	89	24.0	218.2*	52.8	0.3	100	22.4	196.2	54.2	2.5	96	6.6	3.6	60.3
BECK 5228CB	107	P250	21.7	207.9*	57.1	1.4	98	18.3	204.3	58.8	3.8	94	21.8	192.4	57.1	6.3	99	20.6	201.5	57.6	3.8	97	7.2	3.9	60.7
BECK 5283Bt 1	107	P250	21.6	210.5*	55.0	0.3	100	19.0	195.5	56.1	2.9	92	24.3	203.6	52.7	1.3	100	21.6	203.2	54.6	1.5	97	7.6	3.9	59.7
DAIRYLAND STEALTH-1606	107	P250	23.4	176.8	53.6	1.3	100	19.8	188.6	55.9	2.9	90	25.0	212.6*	51.5	0.7	100	22.7	192.7	53.6	1.6	97	6.7	3.4	60.7
DAIRYLAND STEALTH-5104	104	P250	19.9	184.5	54.7	1.3	100	16.3	188.9	57.1	2.7	97	22.4	184.3	54.3	1.3	98	19.5	185.9	55.4	1.8	98	7.2	3.7	60.1
DAIRYLAND STEALTH-5503	105	P250	22.0	212.6*	55.2	0.7	99	19.3	204.9	57.1	4.4	97	25.1	193.7	53.1	0.0	96	22.1	203.7	55.1	1.7	97	7.0	3.3	61.2
DEKALB DKC52-47 (RR2/YGCB)	102	P250	16.1	199.8	55.5	1.0	99	17.2	192.8	56.9	2.5	92	19.8	204.0	55.8	0.0	97	17.7	198.8	56.0	1.2	96	7.2	3.9	60.5
DEKALB DKC53-34 (RR2/YGCB)	103	P250	21.0	170.6	54.1	4.0	98	17.0	203.1	57.2	3.0	99	23.0	190.7	55.3	0.7	100	20.3	188.1	55.5	2.6	99	6.8	3.8	60.6
DEKALB DKC54-51 (YGCB)	104	P250	19.9	201.8	57.4	1.3	100	17.4	216.5	58.8	1.3	99	20.7	204.1	57.7	2.3	99	19.3	207.5	58.0	1.6	99	7.5	4.0	59.1
DEKALB DKC57-01	107	P250	20.2	205.5	55.6	2.3	100	17.9	221.4**	57.1	3.3	100	24.2	207.9*	53.9	0.7	99	20.8	211.6*	55.5	2.1	100	7.9	3.8	59.2
DEKALB DKC57-84 (YGCB)	107	P250	21.0	212.5*	56.8	1.1	98	18.9	215.8*	58.1	1.7	99	24.5	223.9*	54.7	0.3	100	21.5	217.4**	56.5	1.0	99	7.4	4.2	60.0
DYNAGRO 55F21	104	P250	19.3	179.0	55.9	2.0	97	19.1	190.0	57.0	0.7	92	23.5	206.0	53.5	0.0	98	20.6	191.6	55.4	0.9	96	6.7	3.5	61.6
DYNAGRO 56N17	107	P250	23.2	143.8	52.5	3.0	99	21.6	210.7*	55.4	1.4	91	27.4	183.1	49.6	2.3	98	24.0	179.2	52.5	2.3	96	6.7	3.8	60.8
GARST 8535YG1/IT	107	P250	24.4	199.3	53.3	0.4	97	20.6	193.0	56.0	1.6	88	24.5	211.6*	52.7	0.4	97	23.2	201.3	54.0	0.8	94	7.0	4.4	59.7
GARST 8590RR	105	P250	20.0	183.8	55.4	1.4	98	19.4	202.3	57.7	1.8	93	23.7	195.5	54.5	1.0	98	21.0	193.9	55.9	1.4	96	6.2	4.1	61.5
GRIES 5306	106	P250	23.7	210.1*	54.4	2.7	99	19.0	197.8	56.5	2.8	92	25.7	200.7	51.8	1.3	99	22.8	202.8	54.2	2.3	97	7.5	3.7	60.2
GRO-MOR E6087	106	P250	22.2	177.1	53.8	2.0	99	19.5	185.0	55.8	2.8	97	22.8	198.5	53.7	0.3	100	21.5	186.9	54.4	1.7	99	6.9	3.6	60.0
HIGH CYCLE HC7601YGCB	103	P250	20.7	183.4	54.1	0.7	100	16.5	190.8	56.5	1.4	98	23.7	197.3	53.9	0.5	97	20.3	190.5	54.8	0.8	98	7.1	3.6	60.5
JUNG 6545YGCB	105	P250	19.9	169.7	55.3	1.3	100	16.2	198.4	57.6	2.1	96	21.4	207.4*	56.0	0.3	100	19.2	191.8	56.3	1.2	98	7.1	3.6	60.0
LEGACY 33L26	106	C250	20.6	193.4	54.6	2.0	97	18.9	168.0	56.2	1.6	84	24.7	203.2	52.6	1.0	90	21.4	188.2	54.4	1.5	90	7.3	3.6	60.5
TRELAY 7012	105	P250	23.2	192.9	53.4	1.7	98	20.1	207.7	56.2	0.7	95	23.8	201.3	53.4	0.9	99	22.4	200.6	54.3	1.1	97	7.2	4.3	60.7
VIGORO EX644010	104	P250	22.6	206.5	54.7	1.0	98	19.3	200.1	56.9	3.3	97	23.9	218.1*	54.0	0.7	94	21.9	208.2	55.2	1.7	96	7.1	3.1	61.4
Average		250	21.5	189.6	54.7	1.6	99	18.7	197.1	56.8	2.4	94	23.7	203.2	53.8	1.0	98	21.3	196.6	55.1	1.7	97	7.1	3.7	60.4
GENESIS 2C05YGCB	105	C1250	24.4	219.2*	52.2	0.7	100	19.4	198.8	56.4	1.8	92	26.4	188.9	50.6	0.3	95	23.4	202.3	53.0	0.9	96	7.7	3.6	60.0
GENESIS 2D100RRYGCB	100	C1250	19.0	185.2	56.5	1.7	99	18.0	189.1	58.5	1.5	90	21.5	184.1	56.1	1.1	90	19.5	186.1	57.0	1.4	93	7.4	3.4	60.0
NK Brand N50-P5	103	C1250	20.0	194.7	56.1	0.7	100	17.7	197.5	57.2	1.3	98	22.5	216.5*	54.6	0.3	100	20.1	202.9	56.0	0.8	99	7.1	4.0	59.4
NK Brand N58-D1	106	C1250	22.5	151.9	52.6	2.0	99	18.4	189.9	57.6	1.0	97	22.8	224.7**	54.3	0.0	100	21.2	188.8	54.8	1.0	99	6.6	3.4	61.4
NK Brand N59-Q9	106	C1250	23.1	180.8	52.8	3.0	100	19.1	209.5*	57.2	1.8	95	22.9	197.4	54.7	1.6	100	21.7	195.9	54.9	2.1	98	7.3	3.0	61.1
PIONEER 34H32	107	P1250	24.0	195.3	56.7	0.4	98	19.6	220.9*	60.2	0.7	98	23.7	192.9	56.8	0.0	99	22.4	203.0	57.9	0.3	98	7.3	3.3	61.0
PIONEER 35Y55	106	P1250	24.9	170.7	51.6	0.7	99	19.5	218.0*	55.6	1.0	94	25.5	189.5	51.5	0.3	100	23.3	192.7	52.9	0.7	98	7.8	4.0	59.2
PIONEER 36B09	104	P1250	21.5	180.5	56.3	1.6	98	18.6	183.4	58.8	1.1	91	20.5	192.3	57.9	1.7	97	20.2	185.4	57.7	1.4	96	7.5	3.6	60.5
Average		1250	22.4	184.8	54.4	1.3	99	18.8	200.9	57.7	1.3	95	23.2	198.3	54.6	0.7	98	21.5	194.6	55.5	1.1	97	7.3	3.6	60.3

Brand / Hybrid	RM	TRT	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	Prot	Oil	Strch
AVERAGE			21.8	188.7	54.5	1.6	98	18.8	194.6	56.8	2.3	92	23.7	201.0	53.7	0.9	98	21.4	194.8	55.0	1.6	96	7.2	3.7	60.4
HIGHEST			25.0	223.8	57.4	4.0	100	21.6	221.4	60.2	4.4	100	27.4	224.7	57.9	6.3	100	24.0	217.4	58.0	3.8	100	8.2	4.4	61.9
LOWEST			16.1	143.8	51.6	0.0	87	16.2	163.1	55.4	0.7	68	19.8	174.9	49.6	0.0	90	17.7	177.0	52.5	0.3	84	6.2	3.0	59.1
CV (%)			6.3	7.7	1.6			4.2	5.3	1.1			6.1	7.6	2.3			5.8	6.9	1.7			5.3	5.6	1.1
LSD (.05%)			1.6	17.1	1.0			0.9	12.1	0.7			1.7	17.8	1.4			0.8	9.1	0.6			0.4	0.2	0.8

2 Year AVERAGES		BRANCH - Early				CASS - Early				LENAWEE - Early				EARLY TRIAL AVERAGE				QUALITY						
Brand / Hybrid	RM	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	Prot	Oil	Strch
AGRIGOLD A6391	106	21.5	188.9	54.4	2.9	100	21.8	189.3 *	54.0	2.8	93	23.3	217.5 *	51.8	1.8	99	22.2	198.6	53.4	2.5	97	7.0	3.5	59.9
BAYSIDE Super 105	105	20.5	194.5	53.4	1.2	98	21.8	169.0	53.2	2.9	91	24.3	203.8	50.7	2.4	96	22.2	189.1	52.4	2.2	95	7.6	3.9	59.9
BECK 5283Bt 1	107	21.0	215.9	54.7	0.5	100	21.5	187.1	54.0	1.5	95	24.5	214.1 *	51.3	0.7	100	22.3	205.7	53.3	0.9	98	7.7	3.9	59.2
BIO GENE BT1071	107	24.3	222.2 *	52.9	2.5	100	23.5	168.6	52.8	2.1	91	26.7	215.2 *	49.2	0.5	98	24.8	202.0	51.6	1.7	96	8.0	3.7	59.3
DAIRYLAND STEALTH-1606	107	21.4	191.7	54.4	1.8	99	21.9	188.1	53.8	1.6	94	24.1	213.0	51.2	2.7	99	22.5	197.6	53.2	2.1	97	7.1	3.6	59.8
DAIRYLAND STEALTH-5104	104	20.6	203.7	55.1	0.7	100	18.4	167.5	55.4	2.5	97	22.9	202.2	53.1	1.0	99	20.6	191.1	54.5	1.4	98	7.6	3.6	59.7
DEKALB DKC57-01	107	20.5	207.9	55.2	2.5	100	19.4	198.2 *	55.6	3.2	94	23.5	205.0	52.3	1.2	97	21.1	203.7	54.4	2.3	97	7.9	4.0	58.9
DEKALB DKC57-84 (YGCB)	107	22.4	226.6**	55.8	0.7	99	22.2	199.7**	55.4	2.0	100	24.7	224.2**	52.7	0.3	98	23.1	216.8**	54.6	1.0	99	7.6	4.1	59.9
GOLDEN HARVEST H-8618Bt	106	24.5	226.2 *	52.9	1.8	99	23.3	178.3	52.5	2.4	95	26.4	213.0	49.6	0.3	98	24.7	205.9	51.7	1.5	97	8.3	3.7	58.9
GRIES 5306	106	23.4	212.8	53.9	3.5	100	22.8	182.3	53.2	1.5	96	25.4	202.9	50.3	2.8	96	23.9	199.3	52.5	2.6	97	7.9	3.7	59.4
JUNG 6545YGCB	105	20.4	192.1	55.4	1.0	99	18.1	187.0	56.0	2.0	97	22.3	215.5 *	54.1	0.3	100	20.3	198.2	55.2	1.1	98	7.4	3.6	59.8
NK Brand N50-P5	103	20.4	207.7	55.8	1.3	100	20.0	170.9	55.1	1.9	99	23.5	220.0 *	52.6	0.2	99	21.3	199.5	54.5	1.1	100	7.5	4.1	59.0
NK Brand N58-D1	106	23.3	180.5	53.2	1.5	100	21.1	178.7	54.6	1.1	98	23.9	222.1 *	52.5	0.2	98	22.7	193.8	53.4	0.9	99	7.2	3.7	60.2
NK Brand N59-Q9	106	22.8	195.0	53.7	2.5	100	22.0	190.4 *	54.5	2.3	97	23.6	205.2	52.8	1.9	97	22.8	196.8	53.7	2.2	98	7.5	3.0	60.6
PIONEER 35Y55	106	23.0	192.0	52.8	0.8	100	22.0	185.7	53.8	0.9	94	24.7	202.3	51.1	0.3	98	23.2	193.3	52.6	0.7	97	7.8	4.0	58.8
RENK RK772YGCB	104	18.6	185.3	54.7	2.1	100	18.9	197.6 *	55.1	1.7	99	21.9	205.8	53.6	0.3	100	19.8	196.2	54.5	1.4	99	7.4	4.5	58.7
RUPP XR1708	106	20.7	198.4	54.6	1.8	100	21.6	185.1	54.1	2.7	93	23.8	210.6	51.5	1.8	96	22.0	198.0	53.4	2.1	96	7.0	3.6	60.0
VIGORO V45D37	105	21.8	196.7	55.9	2.2	97	21.4	174.1	55.3	1.3	87	23.3	207.0	53.3	1.7	98	22.2	192.6	54.9	1.7	94	7.1	3.2	61.6
AVERAGE		21.7	202.1	54.4	1.7	99	21.2	183.2	54.4	2.0	95	24.0	211.1	51.9	1.1	98	22.3	198.8	53.5	1.6	97	7.5	3.7	59.7
HIGHEST		24.5	226.6	55.9	3.5	100	23.5	199.7	56.0	3.2	100	26.7	224.2	54.1	2.8	100	24.8	216.8	55.2	2.6	100	8.3	4.5	61.6
LOWEST		18.6	180.5	52.8	0.5	97	18.1	167.5	52.5	0.9	87	21.9	202.2	49.2	0.2	96	19.8	189.1	51.6	0.7	94	7.0	3.0	58.7
CV (%)		4.9	12.1	0.8	3.6	2.4	4.1	13.1	0.8	2.5	5.4	4.7	11.4	1.0	1.9	4.5	4.6	12.2	0.9	2.7	4.3	5.0	3.9	2.9
LSD (.05%)		0.9	10.3	0.6	2.1	1.5	0.7	10.7	0.6	1.4	3.2	0.9	10.3	0.8	1.1	2.8	0.5	6.0	0.4	0.9	1.5	0.3	0.2	0.5

3 Year AVERAGES		%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	Prot	Oil	Strch
AGRIGOLD A6391	106	20.2	198.0	54.7	2.5	100	20.7	200.3**	54.3	2.2	94	21.2	199.8	52.6	1.6	99	20.7	199.4	53.9	2.1	98	6.9	3.6	60.2
BAYSIDE Super 105	105	19.9	196.8	53.6	1.7	97	20.5	179.7	53.5	3.4	93	22.1	195.7	51.9	2.7	95	20.8	190.7	53.0	2.6	95	7.1	3.9	60.5
BECK 5283Bt 1	107	20.6	217.4**	55.1	0.6	97	20.7	195.1 *	54.4	1.1	94	22.7	201.2	52.7	0.8	96	21.3	204.5**	54.1	0.8	96	7.4	4.0	59.7
DAIRYLAND STEALTH-1606	107	20.3	197.5	54.7	2.2	99	20.8	186.1	53.9	1.7	93	22.0	199.1	52.6	2.6	99	21.0	194.2	53.7	2.2	97	6.8	3.6	60.2
NK Brand N58-D1	106	22.0	189.5	54.2	1.0	99	20.1	184.9	55.2	1.2	98	22.3	210.7**	53.5	0.1	96	21.5	195.1	54.3	0.8	97	7.1	3.7	60.4
NK Brand N59-Q9	106	21.4	198.5	54.3	2.7	99	20.8	194.9 *	54.9	2.2	98	21.9	196.3	53.8	2.0	97	21.4	196.5	54.3	2.3	98	7.1	3.1	61.2
PIONEER 35Y55	106	21.5	195.2	52.8	0.6	97	21.0	191.7 *	53.9	0.8	94	23.0	191.2	51.9	0.3	96	21.8	192.7	52.9	0.6	95	7.6	4.0	59.2
RUPP XR1708	106	20.0	198.5	54.8	1.7	99	20.5	185.5	54.0	2.2	94	21.6	198.9	52.9	1.8	96	20.7	194.3	53.9	1.9	97	6.7	3.7	60.3
AVERAGE		20.7	198.9	54.3	1.6	99	20.6	189.8	54.3	1.8	95	22.1	199.1	52.7	1.5	97	21.1	195.9	53.8	1.7	97	7.1	3.7	60.2
HIGHEST		22.0	217.4	55.1	2.7	100	21.0	200.3	55.2	3.4	98	23.0	210.7	53.8	2.7	99	21.8	204.5	54.3	2.6	98	7.6	4.0	61.2
LOWEST		19.9	189.5	52.8	0.6	97	20.1	179.7	53.5	0.8	93	21.2	191.2	51.9	0.1	95	20.7	190.7	52.9	0.6	95	6.7	3.1	59.2
CV (%)		4.7	10.8	0.7	3.3	3.6	3.9	13.7	0.8	2.4	5.4	5.2	10.7	1.0	2.1	5.1	4.7	11.8	0.9	2.7	4.7	6.4	4.2	2.9
LSD (.05%)		0.7	7.9	0.4	1.5	1.8	0.5	9.6	0.5	1.1	2.6	0.8	8.1	0.6	1.0	2.6	0.4	5.0	0.3	0.7	1.4	0.3	0.2	0.5